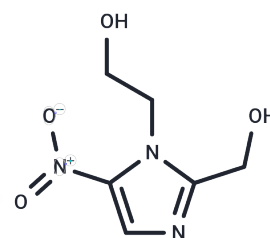


Hydroxymetronidazole

Chemical Properties

CAS No. :	4812-40-2
Formula:	C ₆ H ₉ N ₃ O ₄
Molecular Weight:	187.15
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxymetronidazole (Metronidazole-OH) is a nitroimidazole compound and metabolite of Metronidazole, commonly used in poultry research for bacterial and protozoal diseases, and in studies of swine dysentery and genital trichomoniasis in cattle.
Targets(IC50)	Others,Antibacterial,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3433 mL	26.7165 mL	53.4331 mL
5 mM	1.0687 mL	5.3433 mL	10.6866 mL
10 mM	0.5343 mL	2.6717 mL	5.3433 mL
50 mM	0.1069 mL	0.5343 mL	1.0687 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Rodrigo H M M Granja, et al. Determination and confirmation of metronidazole, dimetridazole, ronidazole and their metabolites in bovine muscle by LC-MS/MS. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2013;30(6):970-6.

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